

FIG. 1



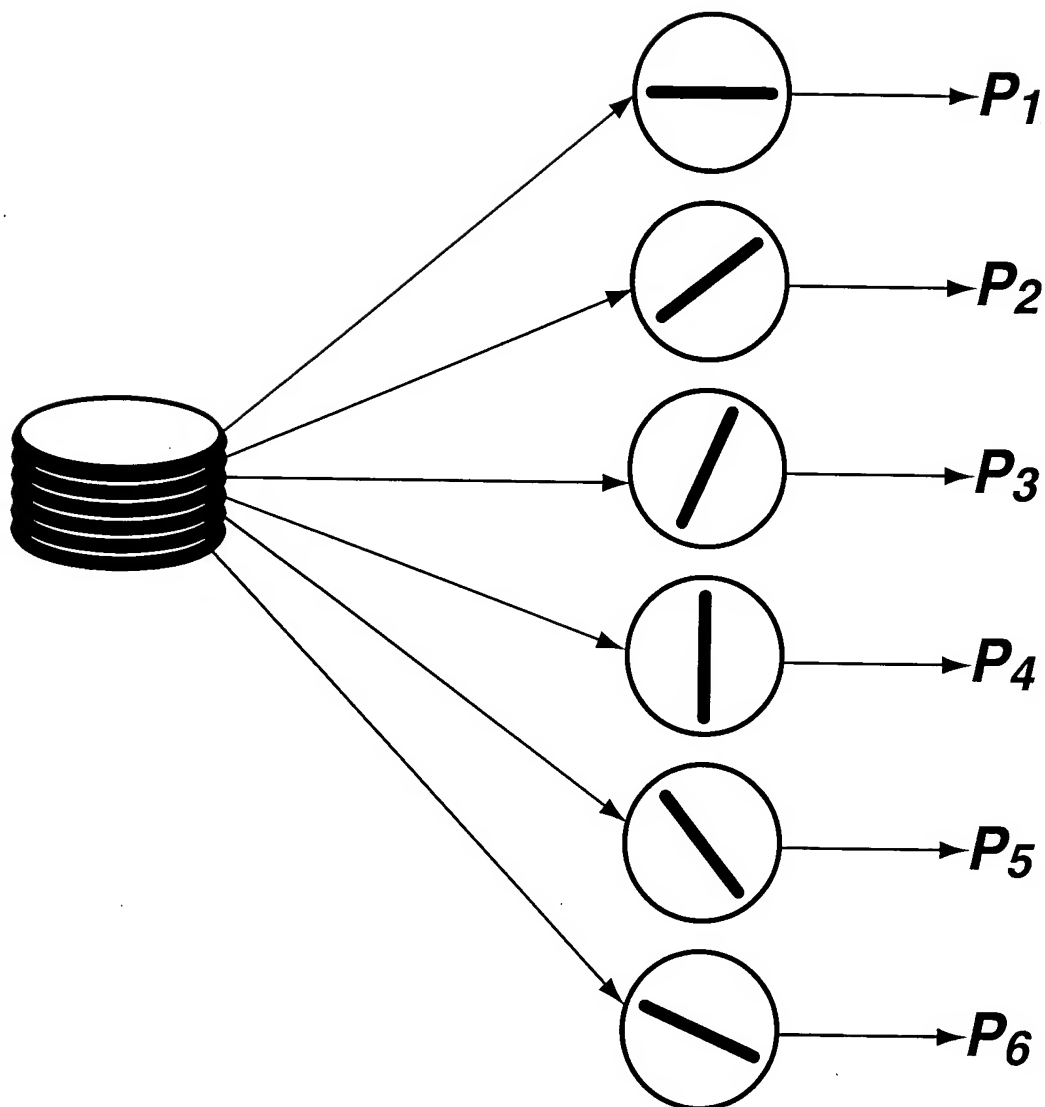


FIG. 2

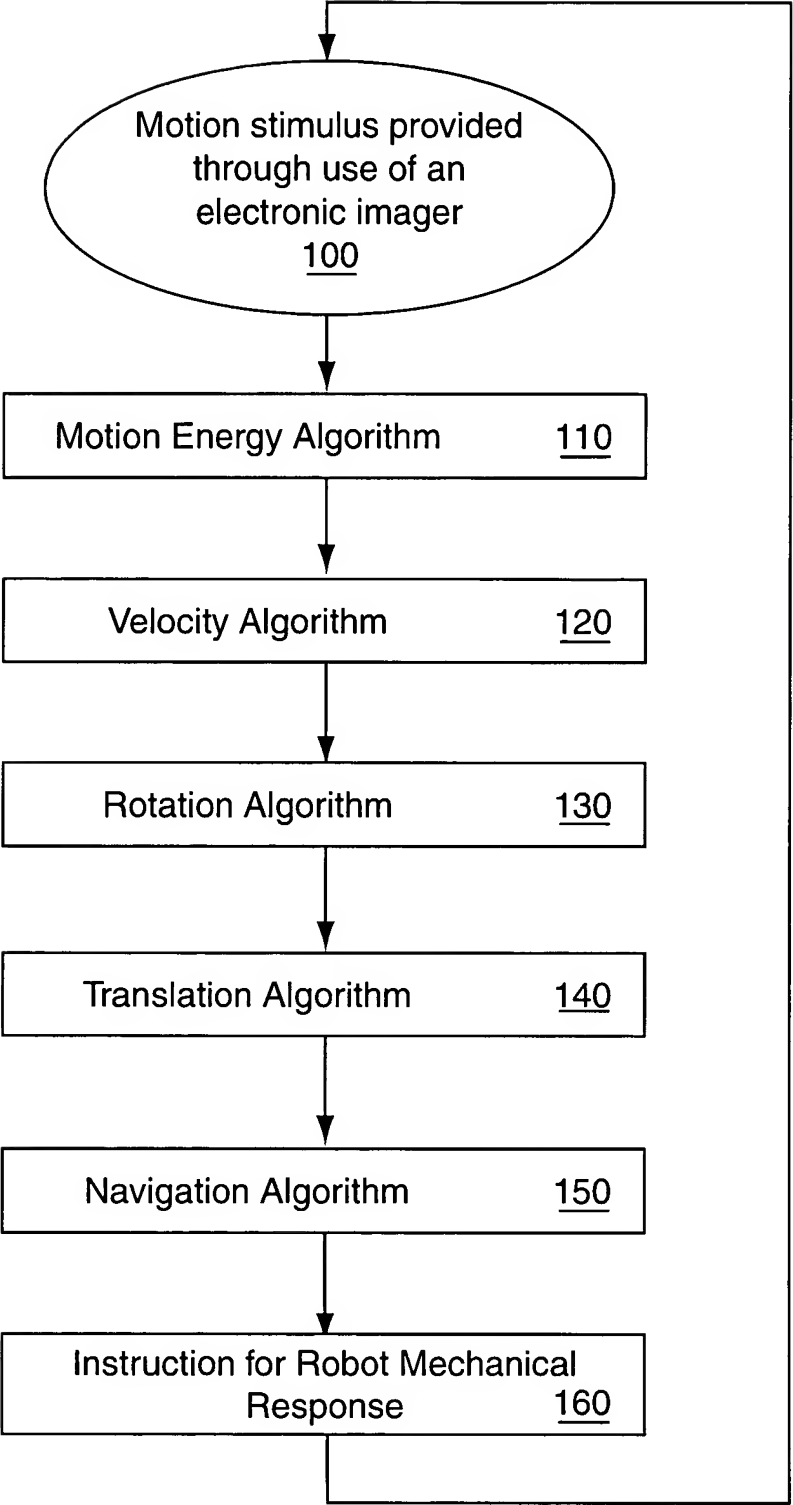


FIG. 3

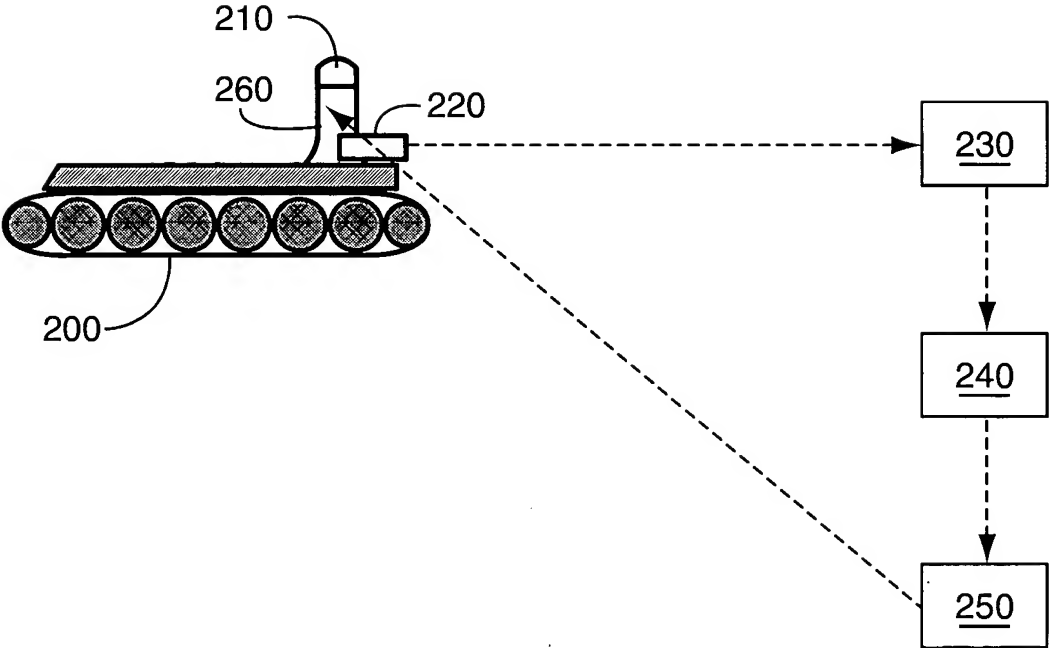


FIG. 4

Feature	FLOPS per frame	# of Features	Total FLOPS	Interconnect Bandwidth in FLOPS
Stimulus FFT	4480	1	4480	16384
Motion Energy	26,750	27,648	739,584,000	27,648
Velocity	≈1200	24,576	≈29,491,200	24,576
Translation	≈2400	288	≈691,200	288
Control	≈900	42	≈37,800	0

FIG. 5

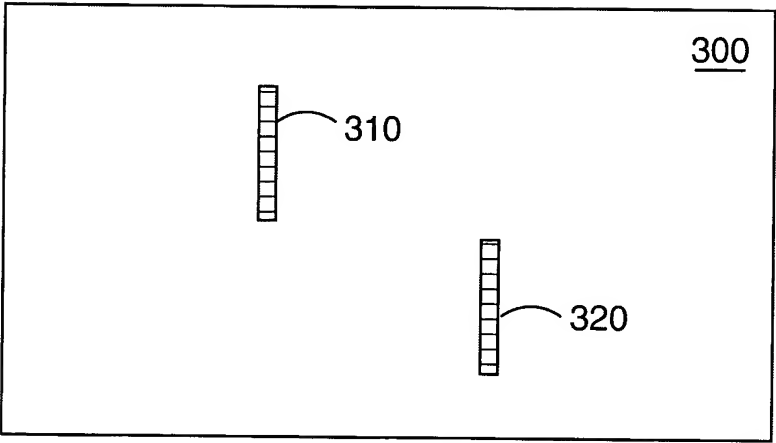


FIG. 6

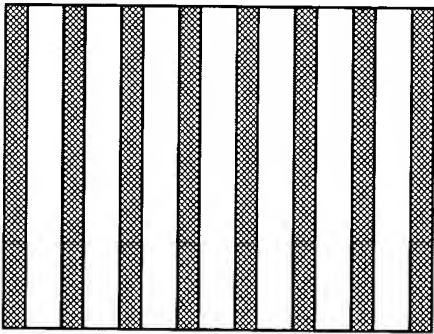


FIG. 7



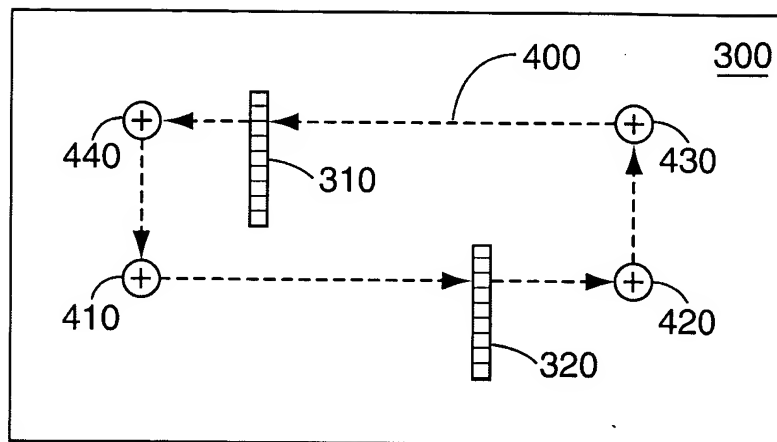


FIG. 8

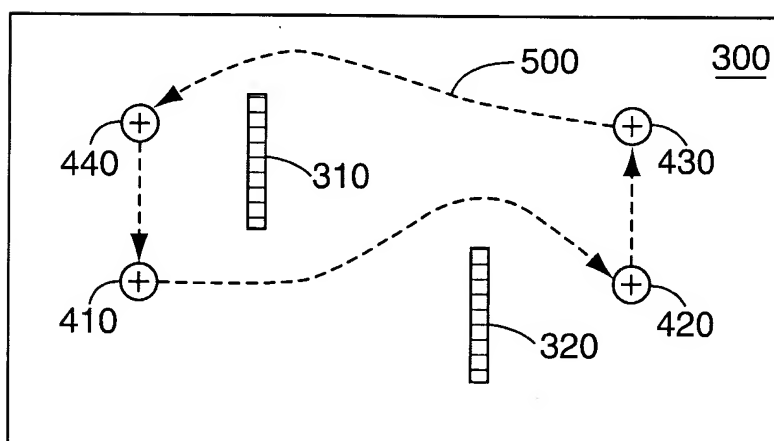


FIG. 9

